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**SOUTH
SUPERFUND**

April 13, 1995

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**REMEDIAL
BRANCH**

4494

Mr. Randy Bryant
Remedial Project Manager
EPA Region IV
345 Courtland Street
Atlanta, Georgia 30365

Subject: Chevron Orlando Site - Additional Site Sampling

Dear Mr. Bryant:

As you have requested, the purpose of this letter is to provide a summary of the work to be conducted next week at the Chevron Orlando site. The work to be conducted includes the following:

- **Task 1 - Additional Sampling:** Collect groundwater samples from 26 existing monitor wells, including quality assurance samples. Monitor wells will be purged with a peristaltic pump and sampled with dedicated, disposable teflon bailers. During purging, temperature, pH, and specific conductance will be measured and recorded. Collect 5 soil samples and one duplicate sample from the Armstrong Trailer Park. Soil samples will be collected from the upper 6-inches of the soil horizon using stainless steel spoons. Each soil sample will be placed in a pyrex pan and mixed by the quarter mix method. Each mixed sample will be split with the EPA.

Groundwater and soil samples will be analyzed for organochlorine pesticides and PCBs (EPA Method 8080); organophosphorus pesticides (EPA Method 614); volatile organic compounds (EPA Methods 8010 and 8020); semivolatile organic compounds (EPA Method 8270); arsenic, chromium, and lead. Trip blanks will be analyzed for volatile organic compounds only. CLP Level 4 type laboratory reports will be prepared for 7 water samples and 6 soil samples.

Collect a 24-hour air sample, a duplicate air sample, and a blank sample. Analyze the three air monitoring samples for Method 8080 pesticides. Screen site and trailer park for organic vapors using a Foxboro Model 128 Organic Vapor Analyzer.

Monitor well purge water will be collected in a frac tank on the Chevron site. The monitor well purge water will be treated with granular activated carbon. The treated effluent will be sampled and analyzed for contaminants of concern (COCs). Treated purge water will be discharged on-site, following demonstration that the water is free of COCs.

Analytical data from the additional sampling will be validated and

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presented in spreadsheet form to the EPA, along with copies of the laboratory reports.

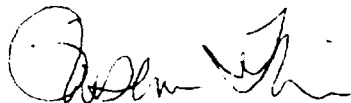
- **Task 2 - Construct Permanent Barrier Wall:** A concrete wall will be constructed approximately 330 feet long along the northern boundary of the site. The wall will be set back from the existing chain-link fence approximately 8-feet to provide space for landscaping. The wall will be painted/sealed with waterproofing material. Shrubs and small trees will be planted the length of the wall on the north side to provide an additional visual barrier between the sites. The wall will be constructed of either concrete block to a height of 4-feet, or of prefabricated panels to a height of 8-feet. The construction method for the wall is still under consideration.

As we have discussed, we are planning to mobilize on the morning of Tuesday, April 18, 1995. We anticipate that the sampling can be completed within 3 to 4 days. After EPA has arrived at the site, we will collect the soil samples from the trailer park, and then begin sampling the monitor wells. We will sample the contaminant free monitor wells first (MW-14, A, D, 5S, 5D, 6S, 6D, 11, 12, 13), then the MW-7 cluster, followed by the wells which were previously contaminated (MW-P, 1S, 1D, 2S, 2D, 8S, 8D, 10S, 10D, 9, 4S, 4D, 3S, and 3D). The air monitoring stations are being set up tomorrow, and will be turned on Tuesday to run through Wednesday.

Please let me know if we have missed anything, or if you have any questions.

Sincerely,

TASK ENVIRONMENTAL



Susan Klinzing Tobin, PG
President

cc: J. Wyatt